



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
(Case No. 97,253-A)

In the Application of: )  
Barendse et al. )  
Serial No.: 09/089,871 )  
Filing Date: June 4, 1998 )  
For: High-Activity Phytase Compositions )  
)

Examiner: P. Tung

Group Art Unit: 1652

**AMENDMENT AND RESPONSE TO OFFICE ACTION MAILED MARCH 16, 2000**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Responsive to the office action mailed March 16, 2000, please consider the following remarks and enter the following amendments.

**IN THE CLAIMS:**

*Please amend claims 18 and 19 as follows and add new claims 39 and 40:*

18. (Amended) A phytase-containing granulate prepared by a process comprising the steps of:

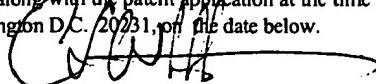
- (a) [processing] providing a solid carrier comprising at least about 15% (w/w) of an edible carbohydrate polymer;  
(b) [and] providing an aqueous liquid comprising a phytase at a concentration of at least 14,000 FTU/g; and  
(c) mixing the said solid carrier and said aqueous liquid to form a granulate.

19. (Amended) A granulate comprising dried granules formed from an aqueous liquid comprising a phytase at a concentration of at least 14,000 FTU/g and a solid carrier which comprises at least about 15% (w/w) of an edible carbohydrate polymer.

**CERTIFICATE OF EXPRESS MAILING (37 C.F.R. 1.8a)**

I hereby certify that this correspondence is being deposited with the United States Postal Service along with the patent application at the time of its filing as Express mail in an envelope addressed to the: Assistant Commissioner for Patents, Washington D.C. 20231, on the date below.

Date: August 11, 2000

  
signature



RECEIVED

AUG 18 2000

1652/

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
(Case No. 97,253-A)

In re Application of: )  
Barendse et al. )  
Serial No.: 09/089,871 )  
Filed: June 4, 1998 )  
For: High-Activity Phytase Compositions )

Examiner: P. Tung

Art Unit: 1652

Asst. Commissioner for Patents  
Washington, D.C. 20231

Sir:

**TRANSMITTAL LETTER**

1. We are transmitting herewith the attached papers for the above-identified patent application:

Amendment and Response to Office Action Mailed March 16, 2000  
 Petition for Extension of Time  
 Check in the amount of \$380.00  
 Return Postcard

2. Please charge any additional fees or credit overpayment to Deposit Account No. 13-2490. A duplicate copy of this sheet is enclosed for this purpose.

3. **CERTIFICATE OF TRANSMISSION UNDER 37 CFR § 1.8:** The undersigned hereby certifies that this Transmittal Letter and the paper, as described in paragraph 1 hereinabove, are being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope address to: Asst. Commissioner for Patents, Washington, DC 20231 on August 11, 2000.

By \_\_\_\_\_

Curt J. Whitenack  
Reg. No. 36,054